

1960 Spring Catalog

PRICE 25c PER COPY

BULK RATE
U. S. Postage
PAID
Permit No. 50
Farmington, Michigan



GROWERS EXCHANGE, INC.
FARMINGTON, MICHIGAN

LIBRARY
RECEIVED

★ MAR 7 1960

U. S. Department of Agriculture

POSTMASTER:
Form 3547 Re

Bibliography Division,
Library
U.S. Dept. Agriculture
Washington 25, D.C.

\$1.00 BARGAINS

Any 6 Specials... \$5.00 Postpaid

Any 12 Specials... \$10.00 Postpaid

OTHER \$1 BARGAINS

- | | |
|--|-----|
| 10 Achimenes. Mixed colors | \$1 |
| 1 Agapanthus. Blue Love Flower | \$1 |
| 1 Alpinia Nutans. Exotic Shell Ginger | \$1 |
| 1 Amaryllis Belladonna | \$1 |
| 1 Amaryllis—Double Flowered Type | \$1 |
| 1 Amaryllis Equestris. Barbados Lily | \$1 |
| 1 Amaryllis Himalaicus from India | \$1 |
| 1 Amaryllis Imperial Japanese strain | \$1 |
| 1 Amaryllis—Deep red, Jumbo Size | \$1 |
| 1 Amaryllis—Peppermint striped | \$1 |
| 1 Amaryllis. Rare Miniature type | \$1 |
| 50 Anemones. Wind Flowers. Mixed colors | \$1 |
| 1 Amorphophallus. Sacred Lily of India | \$1 |
| 1 Arum Cornutum. Rare "Voodoo" Lily | \$1 |
| 1 Arisaema. Jack-in-the-pulpit | \$1 |
| 1 Begonia Evansiana. Hardy Type | \$1 |
| 2 Begonias. Rex. Variegated foliage | \$1 |
| 2 Begonias. Hanging Basket Type. Mixed | \$1 |
| 3 Begonias. Frilled Carnation Type | \$1 |
| 3 Begonias. Dazzling Two-tone Type | \$1 |
| 3 Begonias. Giant Single Type | \$1 |
| 3 Begonias. Rosebud Type | \$1 |
| 3 Begonias. Tufted (Crested) Type | \$1 |
| 3 Begonias. Butterfly Type | \$1 |
| 3 Begonias. Miniature Type | \$1 |
| 2 Boussingaultia. Madeira Vine | \$1 |
| 1 Bulbinella. Christmas Gold | \$1 |
| 1 Bamboo Plant. Dwarf Type | \$1 |
| 4 Caladium Esculentum. Elephant Ears | \$1 |
| 2 Calla Aethiopica. Large white | \$1 |
| 2 Calla—Odorless Black Type | \$1 |
| 2 Calla Hygrophylum. Purple Edges | \$1 |
| 2 Calla Melanoleuca. Black Throated | \$1 |
| 1 Clivia Miniata. Evergreen amaryllid | \$1 |
| 1 Crinum. Huge lily-like flowers | \$1 |
| 1 Curcuma Zedaira. Indian Ginger Lily | \$1 |
| 1 Chrysanthemums. Cushion Type | \$1 |
| 1 Chrysanthemums. Tall Flowering | \$1 |
| 6 Dahlias. Dainty Pompon Type | \$1 |
| 2 Eucharis Amazonica. Amazon Lily | \$1 |
| 10 Freesias—Summer Flowering. NEW | \$1 |
| 6 Gladiolus—Miniature Type | \$1 |
| 6 Gladiolus—Harlemensis strain. NEW | \$1 |
| 6 Gladiolus—Prinulius hybrids | \$1 |
| 1 Gloriosa. Red and Yellow Climbing Lily | \$1 |
| 1 Haemanthus Multiflorus. Blood Lily | \$1 |
| 1 Hawaiian Ti Logs. 1 Green; 1 Colored | \$1 |
| 2 Hedychium. Butterfly Lily | \$1 |
| 1 Hymenocallis. White Spider Lily | \$1 |
| 2 Kaempferia. Rare Ginger Lily | \$1 |
| 6 Lily of the Valley. Large forcing Type | \$1 |
| 12 Lily of the Valley for outdoor planting | \$1 |
| 2 Lily of the Valley—Rare pink form | \$1 |
| 3 Lycoris Cinnabarina. Rare orange form | \$1 |
| 5 Lycoris Radiata. Bright red | \$1 |
| 1 Mirabilis. Marvel-of-Peru | \$1 |
| 50 Montbretias. Assorted colors | \$1 |
| 2 Nerines. Fall flowering amaryllid | \$1 |
| 4 Ornithogalum Thyrsoides. Chinchinchee | \$1 |
| 50 Ranunculus. Asiatic Rose. Mixed colors | \$1 |
| 2 Resurrection Plants from Mexico | \$1 |
| 1 Streptocarpus. Bird of Paradise | \$1 |
| 12 Tigridias. Mexican Shell Flower | \$1 |
| 2 Sparaxis. Lovely S. African Cape bulb | \$1 |
| 1 Tritonia. Flame Freesias. Mixed | \$1 |
| 15 Tuberosa Bulbs. Double white flowers | \$1 |

HARDY LILY BULBS

- | | |
|---|-----|
| 1 A. M. Vollmer. Dazzling sunproof yellow | \$1 |
| 2 Auratum Platyphyllum. Improved Auratum | \$1 |
| 2 Centifolium. Vastly improved Regale Lily | \$1 |
| 1 Cordifolium. Large white trumpets on tall stems | \$1 |
| 1 Hanson. Golden Turk's Cap Lily. Yellow | \$1 |
| 2 Henry. Orange Speciosum. Bright orange yellow | \$1 |
| 2 Japonicum (Kramer). Pure rose. Dwarf | \$1 |
| 2 Maxwell. Delightful pastel orange | \$1 |
| 3 Philippinense Farnasium. Pure white trumpets | \$1 |
| 2 Pulchellum Concolor. Vivid scarlet | \$1 |
| 1 Rubellum. Deep pure rose | \$1 |
| 1 Speciosum Album. White form of Rubrum | \$1 |
| 3 Tenuifolium. Coral Lily. Sealing wax red | \$1 |
| 3 Tigridium Flore Plena. Double Tiger Lily | \$1 |
| 2 Umbellatum Mariposa. Intense deep red | \$1 |
| 2 Umbellatum Orange Triumph. Candlestick Lily | \$1 |
| 3 Wilmetiae Improved. Dazzling orange, red spots | \$1 |

EXCEPTIONAL SPRING VALUES

We proudly present the "Cream of the World's Crops"! Each item produced by an outstanding specialist, and offered directly to you at these amazingly low prices. All bulbs and plants guaranteed to be blooming size, to arrive in good condition, and to satisfy in every respect. All stock shipped at proper planting time.



5 Fancy CALADIUM

The large, highly variegated, almost transparent leaves of these unusual tropical plants will brighten any shady border, porch box, or room. Assorted colors.

\$1.00



8 TUBEROUS BEGONIAS

Double-flowering, camellia-type. Aristocrats of the shade-loving plants. Striking green leaves—large double flowers. A "must" for every garden. Assorted colors.

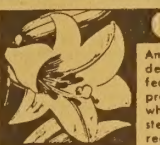
\$1.00



5 Hardy ORCHID Roots

Hardy Chinese Terrestrial Orchid. 12" stems bear dainty, orchid-shaped mauve flowers. Likes semi-shade. Excellent for rock gardens.

\$1.00



5 REGALE LILIES

America's favorite garden lily. Fragrant, perfectly hardy, and a profuse bloomer. Large white trumpets on tall stems; buds are suffused red before opening.

\$1.00



4 AURATUM LILIES

The "Gold Banded Lily." A prominent gold band on its petals gives this outstanding favorite its name. Imported from Japan. Hardy.

\$1.00



5 ESTATE LILIES

A truly hardy "Easter" lily! Attractive foliage, graced with exceptional large, pure white blooms. Excellent for cutting, as well as outdoors.

\$1.00



50 GLADIOLI

A "Rainbow Mixture" of many outstanding varieties. The best of the large flowering varieties will be found in this choice mixture. Assorted colors.

\$1.00



12 CANNA Roots

Cannas are as exceptional for the beauty of their enormous leaves as for the striking colors of their large flower clusters. Assorted colors.

\$1.00



3 GLOXINIA Tubers

These imported tubers will produce a mass of trumpet-shaped blooms either indoors or in the garden. A wide selection of mixed colors.

\$1.00



50 LUCKY SHAMROCK Bulbs

Lucky Four Leaf Clover. Dainty pink flowers bloom profusely all summer. Dwarf. Ideal for rock gardens, pots.

\$1.00



10 Summer HYACINTH Bulbs

(Galtonia.) Grow 5 ft. tall. Bear great, loose spikes of waxy white flowers. Very striking and unusual.

\$1.00



25 ABYSSINIAN GLADIOLUS

Dainty, cream-white flowers, with a splash of chocolate in the throat, and a sweet fragrance. Handle same as gladiolus.

\$1.00



5 Hardy AMARYLLIS Bulbs

Amaryllis Halli (Lycoris Squamiger). "Magic Lily of Japan." In late Spring foliage disappears, and a spike of lavender flowers springs, like magic, from the ground. Hardy.

\$1.00



4 RUBRUM LILIES

Exotic pink lilies from Japan. The graceful reflexed petals make them invaluable for use in corsages, and artistic floral arrangements. Hardy.

\$1.00



5 TIGER LILIES

Attractive, large orange flowers with reflexed petals. An exceptionally vigorous, hardy strain imported from Holland.

\$1.00



3 CALLA LILIES

Ideal house plants, Callas can also be transplanted outdoors for exceptional beauty around pools, rock gardens, etc. We'll ship 1 Yellow, 1 White, and 1 Pink.

\$1.00



6 DAHLIA Tubers

These are the large, decorative type. Six different colors are represented—all show varieties. One variety alone normally sells for the price asked for all six.

\$1.00



3 Hybrid AMARYLLIS Bulbs

The Mead Strain of Giant American Hybrids. They can be grown indoors or outdoors, but should be lifted in the Fall. Assorted shades.

\$1.00

Unusual Hawaiian Plants and Bulbs

Our interest in the exotic flowering and lush foliage plants of the Islands was whetted by stories of returning visitors, who repeatedly asked us if we could obtain them. We have finally arranged a reliable source of supply, but several weeks must be allowed for delivery. The bulbs and plants are flown in and arrive in excellent condition. The following are some of the more popular, more spectacular varieties. Many are suited for outdoor culture in warmer climates—as indoor or greenhouse subjects in the north. Can be planted outdoors in the north like Cannas, but should be started in flats or pots during the winter months. Since Hawaii is in the 8th postal zone, we recommend Air parcel post, as Steamer shipments are too slow. We will bill you for postage after shipment has been made.



HAWAIIAN TI PLANTS (*Cordyline Terminalis*)

An interesting novelty, supplied in small logs, 1-inch or more in diameter and 3 inches in length. They can be grown in plain water, or in earth. May also be used in dish gardens when small, but will demand their own pots when mature, as they make striking pot plants.

Variegated Ti Plants run smaller, logs being 1/2 inch or more in diameter and 3 inches long. Leaves run into a wide range of colors, including shades of red, pink, purple, etc. The leaves have commercial value, being flown in for the florists' trade.

Prices on Green or Variegated Ti Logs:

Uprooted Logs.....\$59c each; 2 for \$1.00; 12 for \$5.00
Sprouted Logs.....\$1.00 each; 6 for \$5.00

Hawaiian Tree Ferns (*Cibotium Chamissoi*)

While Hawaiian Ti plants are relatively common in the United States, Hawaiian Tree Ferns seem to have been overlooked, which is to be regretted, as they are delicately artistic, are of easy culture and are splendid subjects for trays or dish gardens, as well as for arrangements in the Oriental or modern decor. Logs are 4 to 8 inches long, 2 1/2 to 3 1/2 inches in diameter, which size is most suited for home use, but larger sections (up to 10 feet long) can be supplied, and prices will be quoted on request.



\$2.00 each; 3 for \$5.00

ACORUS GRAMINEUS VARIEGATUS

Herbaceous, water-loving plants that form compact grassy tufts, the leaves of which are striped white. Used in hanging baskets, vases, rockeries, and for cutting. Often grown indoors. Supplied in clumps.

\$59c each; 2 for \$1.00

ALOCASIA MACRORHIZA (Giant Ape)

A foliage plant of great beauty. Leaves three feet long, margins often somewhat wavy, with a broad and conspicuous midrib. Very striking. Supplied in tip cuttings.

\$2.50 each

CHLOROPHYTUM VARIEGATUM

Rhizomatous herbaceous members of the Lily family. An interesting pot subject, and sometimes used in the summer border. Flat, bright green leaves are marked with white lines along the border, and often a broad yellow band down the middle. Flowers are white. Supplied in plants.

\$59c each; 2 for \$1.00; 12 for \$5.00

CODIAEUM VARIEGATUM (Variegated Croton)

Shrubs suitable for pot culture with permanently colored leaves in red, pink, orange, yellow, gold and bronze. We ship live plants 12 inches long.

\$1.50 each; 4 for \$5.00

CYCAS TERMINALIS (Fern Palm or Cycad Tree)

A palmlike tree with cylindrical trunk and a crown of glossy, fernlike, gracefully curved leaves, 5 to 8 feet in length. Supplied in good-size rooted side buds.

\$5.00 each

CHRYSLIDOCARPUS LUTESCENS (Areca Palm)

The popular variety used by many florists, and commonly thought of when the word "palm" is mentioned. Supplied in 12 to 18-inch clumps—3 plants per clump.

\$1.50 each; 4 for \$5.00

CYPERUS SPECIOSUS (Dwarf Cypress)

Umbrella Palm. An interesting item for gardeniers, or the aquatic garden. We supply live plants 8 to 12 inches in length.

\$2.00 each; 3 for \$5.00

EUPHORBIA SPLENDENS (Crown of Thorns)

This plant is distinguished by the sharp thorns produced on succulent stems. The flowers are bright red, and almost ever-blooming. Leaves are light green.

\$1.50 each; 4 for \$5.00

HAWAIIAN ORCHID PLANTS

PHAIUS GRANDIFOLIUS. One of the oldest orchids in cultivation. Sepals and petals reddish-brown, but white on the outside; labellum white at the apex, throat and disk yellow, sides crimson.

BLOOMING-SIZE CORMS: \$2.50 each; 5 for \$10.00

SPATHOGLOTTIS. Terrestrial Orchid producing numerous lavender-orchid flowers. Likes shade and much moisture when in growth.

BLOOMING-SIZE CORMS: \$1.50 each; 4 for \$5.00

HELICONIA (Lobster Claw)

Foliage plants allied to the Musa (Banana) family. The leaves are large and striking, often beautifully marked. The flowers are large and striking. Supplied in dormant corms, weighing 1/2 to 1 1/2 pounds each.

HELICONIA HUMILIS. Common "Lobster Claw." Attractive leaves, graced with equally attractive red flowers.

HELICONIA COLLINSIANA. The hanging form of "Lobster Claw." Attractive foliage, red flowers.

HELICONIA SPECIOSA. Bronze-leaved form.

ABOVE VARIETIES: \$3.00 each; 3 for \$8.00

HEMIGRAPHIS COLORATA

A good subject for hanging baskets; also for ground cover. Leaves are purplish, and flowers white.

\$59c each; 2 for \$1.00

HIBISCUS (Rose Mallow)

Very showy-flowered garden and greenhouse herbs and shrubs. These Hawaiian hybrids are supplied in grafted plants. The flowers may be single or double, and come in a wide range of colors such as red, white, pink, yellow, etc. The large, beautiful flowers, and glistening green leaves make Hibiscus deserving of more attention. Try them in pots in the house, moving them out into the garden in the summer. They will reward you generously for the effort expended. Supplied in grafted plants.

\$5.00 each

LIGULARIA KAEMPFERI

Leopard Plant. This little plant, about a foot high, is grown in Hawaii as a ground cover. Its luxuriant glossy leaves are most attractive. Leaves are usually variegated. Flowers are yellow, resembling single daisies.

\$2.00 each; 3 for \$5.00

MUSA (Banana Family)

The largest of the tree-like herbs, grown for their striking foliage, for fruit, and for fiber. They are unsurpassed for gorgeous tropical effects. Supplied in large sucker plants, weighing 1 to 2 pounds each.

MUSA NANA. Chinese Dwarf Banana. Ultimate height 4 to 6 feet. Leaves formed in a dense rosette, blotched and spotted red when young. Bracts red-brown; calyx yellowish-white. Edible, deliciously fragrant fruit.

MUSA ROSACEA. Ultimate height 4 to 6 feet. Leaves purplish beneath; bracts pale blue or reddish-violet; calyx yellow. Not edible.

MUSA SAPIENTUM. Brazilian Banana. The common banana, the numerous species of which produce most of the commercial varieties. Ultimate height 20 to 30 feet. Bracts dull violet; flowers yellowish-white, about a dozen to a cluster.

ABOVE VARIETIES: \$4.00 each; 3 for \$10.00

PANDANUS ODORATISSIMUS (Hawaiian Hale)

Tropical plants remarkable for their stilt-like aerial roots and the perfect spiral arrangement of their long, sword-shaped leaves. Fine item for tubs or patio boxes. A scent much esteemed in some countries is said to be obtained from the male flowers. Supplied in young seedling plants.

\$1.00 each; 6 for \$5.00

PEDILANTHUS VARIEGATUS

Slipper Flower. A stocky, green, succulent plant with quaint, little slipper-shaped flowers. Leaves are thick and waxy. At certain seasons the white and green leaves may reveal a pinkish tinge. Supplied in 4 to 6 inch tip cuttings.

79c each; 2 for \$1.50

PLUMERIA RUBRA (Frangipangi)

Low tree or shrub, sometimes called the "West Indian Red Jasmine." Flowers are chiefly yellow, with bright rose tips. Supplied in tip cuttings, 12 inches in length.

\$2.00 each; 3 for \$5.00

POLYSCIAS (NOTHOPANAX) GUILFOYLEI

An Aralia grown mostly for its ornamental foliage. Leaves are bright green, white edged. In the warmer climates it can be planted around the yard for screening or hedging; in the north grow in the greenhouse, or treat as Hibiscus above. Supplied in cuttings 8 to 12 inches long.

\$59c each; 2 for \$1.00; 12 for \$5.00

THE "JIFFY PLANTER" ROLL-OUT GARDEN

Pre-seeded flower garden that is taking the nation by storm. Simply loosen the top soil, roll out the Jiffy Planter, and water, and you will be rewarded with a fine display of flowers. Rolls are 15 feet long and 8 inches wide and contain 1,000 seeds or more.

CAT. No. 180-C:

Contains tall (up to 2½ ft.) cut flower varieties.

CAT. No. 180-D:

Contains dwarf (up to 10 in.) varieties for borders.

(NOTE: For delightful effects, plant No. 180-D in front of No. 180-C)

PRICE OF ABOVE:

\$1.00 each; 3 for \$2.50; 12 for \$9.00

NEW FOR 1960
IMPREGNATED WITH
INSTANT
VIGORO
Complete Plant Food
FOR BETTER GROWTH . . . AND SALES

In 3 easy steps anyone can grow a Jiffy Planter Garden. Look, here's how easy it is!



1 Loosen top soil.



2 Roll out Jiffy Planter.



3 Keep Well Watered.

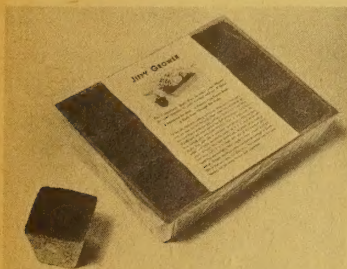
JIFFY PEAT POTS



Special ingredient gives added rigidity—helps prevent breakage during shipping and handling. Roots penetrate freely after initial watering. Rugged rim makes handling easier. Nutrient promotes healthy growth. For annuals, bedding plants, vegetable plants—especially when you perform transplanting operation.

	12	24	50	100
2½ in. Size	\$.49	\$.89	\$1.39	\$2.19
3-in. Size	.89	---	1.95	3.39

THE JIFFY GROWER



Wonderful for starting plants indoors early. Unit consists of plastic tray holding 12 Jiffy Pots and a plastic bag in which to enclose the unit to speed germination.

69c per unit; 3 units for \$1.75

We reserve the right to substitute, when necessary, varieties of equal size, similar color and of equal value unless you specifically state "no substitutions."

ALUMINUM LABELS AND MARKERS



No. 15

Consists of aluminum label and stake. Provides practical yet simple, permanent identification of plants, seeds and bulbs. Indoors or out. Label is permanently embossed with ordinary pencil or ball point.

50c per card



No. 10

Mark them the same way as the markers. Tie them on with cotton twine, wire, or staple them. For permanent identification of trees, shrubs, roses, etc.

25c per card



No. 20

A combination package of 20 Markers and 40 Ty-On Tags for the gardener who wants a complete and adequate supply and for the retailer who wants larger sales units.

1.39 per card

NEW LOCKPROOF PLASTIC FLOWER POTS & PLANTERS

Attractive marbled colors! Clean—will not discolor! Economical—cuts handling and watering costs! Efficient—permits more uniform soil temperature and water level! Durable—but light! The patented "Lockproof" design eliminates jamming, permits faster and easier handling, and eliminates splitting or cracking in transit.

Marbled Pots	Per 6	Per 12	Per 25	Per 50
3-inch Pot	\$.50	\$.85	\$1.50	\$2.50
4-inch Pot	.85	1.50	2.75	5.00
4-inch Saucer	.75	1.35	2.50	4.50
5-inch Pot	1.25	2.00	3.75	7.00
6-inch Pot	1.75	3.00	5.50	10.00
8-inch Pot	4.50	8.00	15.00	25.00

Rectangular Planter:

3¾ x 2½ x 2¾ inch	.75	1.35	2.50	4.50
Snap-on saucer for above	.50	.85	1.50	2.50

POTTING SOIL AND PLANTING AIDS

	Each	Per 3
Atlas Fish Emulsion Fertilizer. 1 Pint (Makes 100 gallons)	\$1.00	\$2.50
Horticultural Peat Moss—½ Peck	50c	1.25
Horticultural Charcoal—12 oz	50c	1.25
Milled Sphagnum Moss—½ peck	75c	2.00
Osmunda Fibre—½ peck	1.50	4.00
Leaf Mold—½ peck	1.00	2.50
Vio-Aide Liquid Plant Food—4 oz.	50c	1.25
Fir Bark—2 cu. ft. (Fir Bark shipped express collect)	3.50	9.00
Fir Bark—2½ qt. size	75c	2.00

HARDY LILY BULBS

ONE OF THE LARGEST STOCKS
OF LILY BULBS IN THE COUNTRY

Lily bulbs have long been one of our specialties, and we are pleased once again to offer our usual wide selection of old favorites, as well as some of the lesser-known but equally desirable varieties. It is a common misconception that lilies can be planted successfully only in the Fall. While Fall planting is definitely beneficial in many respects, in the more northern states, Spring planting outdoors eliminates two great risks—Winter damage and the possibility of an outdoor crop's getting nipped by a late Spring frost. For, while all varieties are hardy, the foliage often is not! Only this past Spring we saw a fine stand of several hardy varieties ruined by a late frost that got the tender new growth. This would not have happened on a Spring planting.

Recent improvements in the handling and packing of Japanese lily bulbs have greatly increased their vitality and keeping powers, and the old stigma attached to these bulbs is no longer justified.

As a matter of fact, lily bulbs can be planted until July, and a staggered planting of a few each month or every two weeks will provide the florist an almost continuous supply of blooms.

JAPANESE LILY BULBS

These bulbs are collected in the wilds, and thus are free from the many diseases and viruses that affect nursery grown bulbs. Some of the varieties do not make large size bulbs, but all are guaranteed blooming size. In the case of Rubrum and Auratum lilies, some of the bulbs reach enormous size—up to a foot in circumference, and bear enormous heads of flowers.

L. A. M. VOLLMER. (New). Fine sunproof lemon yellow. Very fine. Top Size.	Each	Per 12
L. AURATUM. The Gold Banded Lily. Large white, fragrant flowers, spotted red, and with a broad yellow band down the middle. MAMMOTH SIZE BULBS (Approximately 1 ft. in circumference).	1.00	10.00
L. AURATUM. Blooming size bulbs	.25	2.50
L. AURATUM PLATYPHYLLUM. Larger flowers, and less spotted than L. Auratum. 7 to 9-inch size	1.00	10.00
L. HANSONI. Golden Turk's Cap Lily. Golden yellow, purple brown spots. A truly fine garden lily. 8 to 9-inch bulbs	1.00	10.00
L. JAPONICUM (KRAMERI). Bright pure rose. Dwarf. Fragrant. Truly a little gem. TOPS.	.50	5.00
L. RUBELLUM. Delightful pure rose. Deeper in color than Japonicum, and slightly taller. TOP SIZE	1.00	10.00
L. SPECIOSUM ALBUM. Pure white form. Unexcelled for use in corsages. 8 to 9-inch bulbs.	1.00	10.00
L. SPECIOSUM RUBRUM. The Pink Show Lily. Rose pink flowers, spotted red. Petals greatly reflexed. Fine for cutting and corsages. MAMMOTH SIZE BULBS (Approximately 1 foot in circumference)	1.00	10.00
L. SPECIOSUM RUBRUM. Blooming size bulbs.	.25	2.50

HOLLAND GROWN LILY BULBS

	Each	Per 12
L. CAMSCHATCENSIS. (Fritillaria Camschatcensis). Deep black flowers. A great oddity.	.50	5.00
L. CENTUFIOLIUM. Fine Regale Hybrid.	1.00	10.00
L. FIRE KING. Flowers are recurved, intense vermilion scarlet with purple brown spots. Massive flower heads bearing 20 to 30 flowers when established. TOP SIZE.	1.00	10.00
L. HENRYI. Large orange flowers, spotted brown. A vigorous grower, attaining great height with age. MAMMOTH SIZE BULBS.	1.00	10.00
L. HENRYI. Blooming Size Bulbs.	.50	5.00
L. MARTAGON. Turk's Cap Lily. Greatly reflexed purple petals. An unusual color.	3.00	30.00
L. MARTAGON ALBUM. Pure white form of above. Distinctly charming.	2.50	25.00
L. MAXWILL. A beautiful hybrid between L. Maximowiczii and L. Wilmottiae. Bright orange red, nodding flowers. A favorite of ours.	.50	5.00
L. PHILIPPINENSE FORMOSANUM WHITE SUPERIOR. Pure white trumpets; exteriors also white. Very fine for growing in pots. It is also fine for cut. Flowers in late autumn.	.35	3.50
L. PHILIPPINENSE FORMOSANUM WHITE EXCELSIOR. Pure white. Somewhat earlier than above.	.35	3.50
L. REGALE. Large white flowers with yellow throat; outside purple tinged. An old favorite. MAMMOTH SIZE BULBS.	1.00	10.00
L. REGALE. Blooming Size Bulbs.	.25	2.50
L. REGALE ALBUM. Pure white form of Regale.	1.00	10.00
L. REGALE G. C. CREELMAN. A wonderful strain; tall stems with many widely opened flowers.	1.00	10.00
L. TENUIFIOLIUM (PUMILUM). The Coral Lily. Bright scarlet "sealing wax" flowers.	.25	2.50
L. TIGRINUM FORTUNEI. Orange scarlet.	.35	3.50
L. TIGRINUM PLENUM. The Double Tiger Lily.	.25	2.50
L. TIGRINUM SPLENDENS. Orange, black dots.	.35	3.50
L. UMBELLATUM MONARCH. Intense deep red.	.50	5.00
L. UMBELLATUM ORANGE TRIUMPH. Orange yellow, violet spotted at center. Excellent for the garden, or for forcing.	.75	7.50
L. WILMOTTIAE UNICOLOR. Rich orange red, self color, not spotted. Flowers of great substance.	.50	5.00
L. WILMOTTIAE IMPROVED. A cross of above and similar in all respects except that it is much more robust.	.50	5.00

JAN DE GRAAFF'S WORLD FAMOUS OREGON GROWN HARDY LILY BULBS

We are proud to offer these fine Oregon grown lily bulbs for Spring delivery. Improved techniques in handling lily bulbs in cold storage now permit them to be held dormant in perfect condition for Spring planting. In fact, under proper humidity and temperature controls, lilies respond even better when planted in the Spring than when planted in the Fall, and the danger of winter damage is, of course, removed when bulbs are planted in the Spring. By the following winter they have then securely established themselves.

Try potting some of these to sell along with your potted perennials and annuals in the Spring. The acceptance by the public will amaze you, as most gardeners have never seen lilies in such an array of colors.

Some varieties do not make large bulbs, but all are blooming size. Actual size is shown at the end of each description below.

CITRONELLA STRAIN. A strain of Fiesta Hybrids ranging from golden yellow to lemon yellow. 5"	
CROESUS. Goblet-shaped, upright-facing golden yellow variety of great dignity and charm. 5"	
CROFT. Long white waxy trumpets. The variety most used for Easter pot plants. 7"	
FIESTA HYBRIDS. Colors range from strawberry yellow through vivid red, and from blazing orange through to the deepest maroon reds. 5"	
GOLDEN CHALICE. Colors range from clear golden orange through apricot. 4"	
HARMONY. Wide-petaled, upright flowering variety of rich and brilliant orange. Very fine. 6"	
JOAN EVANS. Bright yellow, upright-facing Mid-Century Hybrid. Spotted maroon. 6"	
MID-CENTURY HYBRIDS. A mixture of at least 60 different colors and types—all extremely fine. 6"	
MOUNTAINEER. Outward-facing, maroon red. Very hardy introduction from the U.S.D.A. 6"	
OLYMPIC HYBRIDS. Finest strain of trumpet lilies in existence. Colors range from creamy white to fuschia link and cool icy green. 7"	
SUNBURST STRAIN. An Aurelian strain, colors ranging from white to creamy yellow and orange. 5"	
TANGELO. Outward-facing, brilliant orange. 6"	
VALENCIA. Sparkling rich orange-yellow. 6"	
ABOVE VARIETIES MAY BE ASSORTED \$1.00 each; 3 for \$2.75; 12 for \$9.50	
AMABILE. Brilliant grenadine red. 5"	
AMABILE LUTEUM. Lovely clear yellow. 4"	
DESTINY. Pure lemon yellow. Very fine. 5"	
ABOVE VARIETIES MAY BE ASSORTED \$1.25 each; 3 for \$3.50; 12 for \$11.00	
CERNUUM. Soft lilac pink. Very fine. 3"	
CINNABAR. Vivid maroon red. Upright. 5"	
FIREFLAME. Crimson red. Outward. 5"	
HEART'S DESIRE. Shades of white, cream, and yellow orange. 6"	
LANKONGENSE. Scented, pendant flowers of pale rose, spotted purple. 4"	
ABOVE VARIETIES MAY BE ASSORTED \$1.50 each; 3 for \$4.00; 12 for \$13.50	
BLACK DRAGON. A white trumpet of amazing vigor. Plants stand 6 feet tall, and bear a dozen or more huge flowers. 6"	
\$4.00 each; 3 for \$11.00	
PAPRIKA. Large starry deep rich crimson red flowers in great profusion. 5"	
\$2.50 each; 3 for \$7.00	

SPECIAL COLLECTIONS OF JAN DE GRAAFF'S HARDY LILY BULBS COLLECTION NO. 1

Contains 12 bulbs—2 each of 6 of Mr. de Graaff's outstanding contributions to the world of hybrid lilies. A "must" in every garden.

Contents: 2 Lilium Enchantment, 2 Lilium Fiesta Hybrids, 2 Lilium Golden Chalice Hybrids, 2 Lilium Mid-Century Hybrids, 2 Lilium Olympic Hybrids, and 2 Lilium Valencia. (Actual Value: \$12.00)

PRICE PER COLLECTION (12 BULBS): \$9.00
(You save \$3.00 on this collection)

COLLECTION NO. 2

Contains 12 varieties in a wide range of dazzling colors, including intriguing two-tone combinations. Included are both outward-facing, and upright-facing varieties. Each variety is packed in a separate bag. The lower priced varieties are packed 3 to a bag, the more expensive 1 or 2 per bag. Actually a "grab bag" made up of the odds and ends left over from the Fall shipping season, but a grab bag "loaded" with surprises, and exceptional value. Collection will contain at least 25 bulbs, and a possible high total of 36 bulbs. Actual catalog value will range from \$36.00 to \$50.00.

PRICE PER COLLECTION: \$22.50

THE NEW BOOK OF LILIES

By Jan de Graaff

Now out of print, there are only a few hundred copies left of this outstanding contribution to the literature of the genus lilium. A fine gift for any lily fancier, or a welcome addition to your own horticultural library.

PRICE: \$3.50 each.

DE GRAAFF'S 1960 FALL RETAIL CATALOG

This catalog lists 110 of de Graaff's lilies in minute detail, listing everything from the exciting "AFRICAN QUEEN STRAIN", to the ultra-new "WHITE PEARL STRAIN". Also included are concise instructions on culture that will help the novice to avoid many a pitfall.

AVAILABLE AT COST — 25¢ per copy.

PATENTED ROSE BUSHES — WEST COAST

TWO-YEAR-OLD, FIELD-GROWN BUSHES

Don't Overlook Shipping Costs! When you handle our roses you get West Coast quality with a Midwest shipping point!

Since we are not growers, we are never forced to market a crop of inferior quality—and a rose crop can vary from year to year because of weather conditions. We can, and do, select the best. Our principal sources are in Ohio and on the West Coast. The quality, the packing will please you! Varieties marked with an asterisk (*) are AARS award winners.

HYBRID TEA ROSES:

	RETAIL
ARDELLA. (Pat. 1283). New large creamy white	\$2.50
ARLENE FRANCIS. (Pat. 1684). New golden yellow	3.00
AZTEC. (Pat. 1648). Big brilliant orange scarlet	2.75
BINGO. (Pat. 1392). Luminous red. Spicy fragrance	2.25
BLANCHE MALLERIN. (Pat. 594). Large pure white	2.25
BURNABY. (Pat. 1314). Classic light yellow. EXTRA	2.50
*CHRYSLER IMPERIAL. (Pat. 1167). Deep spectacular red	2.50
CONFIDENCE. (Pat. 1192). Pink and yellow blend	2.50
CURLY PINK. (Pat. 842). Pink "Sub-Zero" variety	2.25
FIRST LOVE. (Pat. 921). Graceful pink flowers	2.25
*FORTY-NINER. (Pat. 792). Red and yellow bi-color	2.50
GAIL BORDEN. (Pat. 1618). Deep apricot pink	3.00
*GARDEN PARTY. (Pat. 1814). Pastel ivory tinted pink	3.50
GOLDEN SCEPTER. (Pat. 910). Very fine yellow	2.00
GOLDEN MASTERPIECE. (Pat. 1284). Golden yellow	3.00
GOLDEN WINGS. (Pat. 1419). Very early yellow	2.50
*HELEN TRAUBEL. (Pat. 1028). Apricot and pink	2.75
HENRY FORD. (Pat. 1218). Large fragrant peach pink	2.25
ISOBEL HARKNESS. (Pat. 1650). New large yellow	2.75
KONRAD ADENAUER. (Pat. 1452). Fragrant dark red	2.50
KORDES PERFECTA. (Pat. 1604). Red and white	3.50
LADY ELGIN. (Pat. 1469). Large golden yellow	2.50
LAS VEGAS. (Pat. 1486). Salmon-pink with gold base	2.50
*LOWELL THOMAS. (Pat. 595). Vibrant lemon-chrome	2.50
MIDNIGHT. (Pat. 1542). Velvety black-red. Fragrant	2.75
*MIRANDY. (Pat. 632). Garnet red. Fragrant	2.25
MOJAVE. (Pat. 1176). Large fragrant orange-red	2.75
NEW YORKER. (Pat. 823). Scarlet red. Fragrant	2.50
*NOCTURNE. (Pat. 713). Dark red. Fragrant	2.25
*PEACE. (Pat. 591). Creamy Yellow, tipped pink	2.50
PINK FRAGRANCE. (Pat. 1943). Lovely pink. Scented	2.50
PINK LUSTER. (Pat. 1641). Large cool pink blooms	2.50
PINK PEACE. (Pat. 1759). Deep dusty pink. Fragrant	3.00
PRES. EISENHOWER. (Pat. 1217). Large rose-red	2.25
ROSE OF FREEDOM. (Pat. 791). Currant-red	2.00
STERLING SILVER. (Pat. 1433). Silvery lavender	3.00
SUNLIGHT. (Pat. 1576). Chinese yellow	2.50
*SUTTER'S GOLD. (Pat. 885). Fine orange-gold blend	2.25
THE DUKE. (Pat. 1522). Carmine red, flushed gold	2.50
TIFFANY. Pink and gold buds. Opens to pink	2.75
TORCH SONG. (Pat. 1760). New large vermillion	2.50
*WHITE KNIGHT. (Pat. 1359). Satiny white. EXTRA	3.00
WHITE SWAN. (Pat. 1115). Dazzling stark-white	2.50

FLORIBUNDA ROSES:

	RETAIL
BABY BLAZE. (Pat. 1362). Fine bright cherry-red	\$2.00
BETSY McCALL. (Pat. 1603). Shrimp pink. Large clusters	2.25
*CIRCUS. (Pat. 1382). Orange, yellow, pink, and red	2.20
*FASHION. (Pat. 789). Coral pink. Very fine	2.00
*FIRE KING. (Pat. 1759). Brilliant vermillion scarlet	2.50
*FUSILIER. (Pat. 1709). Brilliant orange-red	2.50
*GOLD CUP. (Pat. 1683). Fragrant golden-yellow	2.50
GOLDLOCKS. (Pat. 672). Rich golden yellow	1.75
GREEN FIRE. (Pat. 1776). Free-flowering bright yellow	2.50
IRENE OF DENMARK. (Pat. 889). Pure white blooms	1.75
IVORY FASHION. (Pat. 1688). Fine ivory white	2.75
*JIMINY CRICKET. (Pat. 1346). Continuous blooming red	2.00
LAVENDER GIRL. (Pat. 1672). New lavender Floribunda	5.00
LITTLE DARLING. (Pat. 1581). Yellow, blending to orange	2.00
MOONSPRITE. (Pat. 1450). Gold, shading into white	2.00
RED PINOCCIO. (Pat. 812). Dark velvety red	1.75
*SARABANDE. (Pat. 1761). Fiery orange scarlet	2.50
SIREN. (Pat. 1197). Brilliant fiery scarlet	1.75
SPARTAN. (Pat. 1357). Burnt orange opening to coral red	2.50
SUMATRA. (Pat. 1572). Large brilliant red. Fragrant	2.00
*VOGUE. (Pat. 926). Large fragrant coral cherry	2.00
*WHITE BOUQUET. (Pat. 1415). Large white. Spicy fragrant	2.50
WILDFIRE. (Pat. 1381). Brilliant red	2.00

CLIMBING ROSES:

BLOSSOM TIME. (Pat. 1240). Lustrous pink. Fragrant	2.50
CL. CRIMSON GLORY. (Pat. 736). Dark velvety red	2.50
DON JUAN. (PAF). Velvety dark red	3.00
GLADIATOR. (Pat. 1524). Brilliant rosy red	2.75
*GOLDEN SHOWERS. (Pat. 1557). Very large yellow	2.75
MORNING DAWN. (Pat. 1447). Soft pink with old rose scent	2.50
CL. PEACE. (Pat. 932). Creamy yellow, tinged pink	2.25
TEXAS CENTENNIAL. (Pat. 556). Brick red	2.50

GRANDIFLORA ROSES:

BUCCANEER. (Pat. 1119). Large buttercup yellow	2.50
CARROUSEL. (Pat. 1066). Sparkling red. Fragrant	2.00
EL CAPITAN. (Pat. 1796). Floriferous cherry red	3.00
JUNE BRIDE. (Pat. 1770). Large fragrant white	2.50
MONTEZUMA. (Pat. 1383). Vigorous salmon-red	2.75
*QUEEN ELIZABETH. (Pat. 1259). Rich showy pink	2.50
ROUNDELAY. (Pat. 1280). Fine vivid red. Most vigorous	2.50
*STARFIRE. (Pat. 1742). Currant red. Bronzy foliage	3.00

QUANTITY PRICE SCHEDULE ON PATENTED ROSES—NO. 1 GRADE

Where the price is \$1.75 each	3 plants may be purchased for \$4.65; 12 for \$18.60
Where the price is \$2.00 each	3 plants may be purchased for \$5.25; 12 for \$19.20
Where the price is \$2.25 each	3 plants may be purchased for \$6.00; 12 for \$24.00
Where the price is \$2.50 each	3 plants may be purchased for \$6.60; 12 for \$26.40
Where the price is \$2.75 each	3 plants may be purchased for \$7.20; 12 for \$28.80
Where the price is \$3.00 each	3 plants may be purchased for \$7.95; 12 for \$31.80

Quantity prices apply only when 3 or 12 of the same variety are ordered.

STANDARD ROSEBUSHES — BARE-ROOT

2-year-old, field-grown, graded according to A.A.N. standards. Please order in multiples of 10 of a variety. All are everblooming Hybrid Teas, with the exception of varieties marked (HP) which are Hybrid Perpetual Roses.

HYBRID TEA ROSES

RED VARIETIES:

AMI QUINARD. Dark velvety red.
*CHARLOTTE ARMSTRONG. Cerise.
CHRISTOPHER STONE. Bright red.
CRIMSON GLORY. Dark crimson.
ETOILE DE HOLLANDE. Dark red.
McGREDY'S SCARLET. Crimson.
NIGGER BOY. Dark velvety maroon.
POINSETTIA. Rich red.

TWO-TONE VARIETIES:

CONDESSA DE SASTAGO. Red and orange.
COUNTNESS VANDAL. Pink and yellow.
EDITH NELLIE PERKINS. Pink blend.
MME. JOSEPH PERRAUD. Bi-color.
MRS. SAM McGREDY. Two-tone.
PRES. HOOVER. Red and gold.

WHITE VARIETIES:

FRAU KARL DRUSCHKI. White (HP).
K. A. VICTORIA. Creamy white.
McGREDY'S IVORY. Ivory white.
REX ANDERSON. Fine pure white.
VIRGO. Excellent white.

YELLOW VARIETIES:

ECLIPSE. Fine clear deep yellow.
GOLDEN DAWN. Deep yellow.
JOANNA HILL. Extra fine yellow.
McGREDY'S YELLOW. Deep yellow.
SOEUR THERESE. Rich yellow.

FLORIBUNDA AND POLYANTHA ROSES

RED VARIETIES:

EUTIN. Vigorous growing red.
FRENSHAM. Extremely fine red.
RED RIPPLES. Brilliant bright red.

PINK VARIETIES:

BETTY PRIOR. Medium pink.
PINOCCHIO. Favorite pink.
ROSENELFE. Fine pink.
THE FAIRY. Bright pink.

WHITE VARIETIES:

DAGMAR SPAETH. Fine clear white.

CLIMBING AND RAMBLING ROSES

RED VARIETIES:

CL. AMERICAN BEAUTY. Fine red. (HP)
CL. ETOILE DE HOLLANDE. Deep red.
IMPROVED BLAZE. Brilliant red.
PAUL'S SCARLET. Bright red.

PINK VARIETIES:

NEW DAWN. Fine rich pink.
CL. DR. J. H. NICHOLAS. Pink.

WHITE VARIETIES:

City of YORK. Pure white.

YELLOW VARIETIES:

GOLDRUSH. Fine deep yellow.
CL. MRS. E. P. THOM. Fine yellow.

TWO-TONE VARIETIES:

CL. PRES. H. HOOVER. Red and gold.
CL. TALISMAN. Red, gold, yellow.

Freight and Packing

As in the case of the trees and shrubs we handle, our rose bushes are B-I-G. The tops are big, and the roots are also big, and scientifically wrapped and packed in a special medium that keeps them for months, and will actually allow the plants to grow in the package. So orders will be shipped express collect as a very low second class rate applies to nursery stock.

NONPATENTED ROSE PRICES

No. 1 Grade—Individually Wrapped.
\$1.19 each; 3 for \$3.29; 6 for \$6.29;
12 for \$11.95; 25 for \$22.95.
SPECIAL COLLECTION—NO. 2 GRADE
Collection contains 3 roses—each a different color.
PRICE: \$1.95 per collection

TREE PEONIES

Our Tree Peonies are imported from Japan, as we have found that the Japanese varieties are, in most respects, far superior to the European varieties, and they are also much lower in price.



This illustration gives some idea of the height of a Tree Peony after eight years. The ultimate height is around 8 feet, and a mature plant will bear hundreds of blooms. While they are relatively slow growing, their beauty is well worth waiting for. A one year grafted plant should start producing blooms the third year.

Supply is very limited this year, so when ordering, please advise if we may back-order for Fall delivery if we should happen to be sold out.

COLORS AVAILABLE:
RED, PINK, WHITE, AND PURPLE.

1 YEAR OLD GRAFTS: \$2.00 ea.; 4 for \$6.00
2 YEAR OLD GRAFTS: \$3.00 ea.; 4 for \$10.00

YELLOW TREE PEONIES

Even in Japan, Yellow Tree Peonies have been scarce, and quite expensive. Now, however, the price is going down to a reasonable level, and we are pleased to be able to offer a very, very limited supply of what is the best of all the yellows—SOUVENIR DE MAXIME CORNU.

1 YR. OLD GRAFTS: \$7.50 each; 3 for \$17.50

PEONIES — DOUBLE

The following are not divisions, but young, husky roots, 2 to 5 eyes, grown from single propagating units, and thus extremely vigorous, and free from disease or crown rot.

	Each	Per 3
Adolphe Rousseau. Deep red	\$1.25	\$3.00
Aug. Dessert. Red, silver edge	1.25	3.00
Couronne d'Or. White	1.25	3.00
Duchess de Nemours. White	1.00	2.50
Eduis Superba. Early pink	1.25	3.00
Felix Crousse. Fine, deep red	1.25	3.00
Festiva Maxima. Fine white	1.25	3.00
Inspecteur Lavergne. Vivid red	1.25	3.00
Karl Rosefield. Velvety red	1.25	3.00
Laura Dessert. Canary-yellow	1.75	4.50
Marie Lemoine. Late white	1.25	3.00
Mons. Jules Elie. Lilac-pink	1.25	3.00
Mons. Martin Cahuzac. Dark maroon-red. Midseason	1.75	4.50
Primevere. Sulphur-yellow	1.75	4.50
Reine Hortense. Rose-pink	1.00	2.50
Sarah Bernhardt. Late pink	1.00	2.50
BY COLOR Red, Pink, White	1.00	2.50

DOUBLE PEONIES Mixed Colors

All peonies not grading out to full size are placed into a **Special Mixture** of the very best varieties, averaging 1 to 2 eyes.

3 for \$1.00; 20 for \$5.00

MAY-FLOWERING PEONIES

Off. Alba Plena. Double white
Off. Mutabilis. Opens pink, then changes to white
Off. Rosea-Plena. Double pink
Off. Rubro-Plena. Deep red

3 to 5 eye
Roots
\$1.50 each;
4 for \$5.00

PEONY COLLECTION

Especially designed for florists, this fine collection contains varieties suited for cutting. It is also widely used by many for potting or for resale.

Collection contains 10, 2 to 5-eye roots, assorted as follows:

4 Red, 3 Pink and 3 White

Price: \$7.50 per collection (10 roots)

MICHIGAN GROWN

GLADIOLI

Prices per 10; less than 10 of a size and variety, add 25%.

	No. 1	No. 2	No. 3
ACE OF SPADES. Blackish red	\$.90	\$1.05	\$.90
ALFRED NOBLE. Pink, cream blotch	.90	.75	.45
ANDRENA. Pink and white	1.05	.90	.75
BAGDAD. Smoky old rose. Large flowers	1.05	.75	.45
BENJAMIN BRITTEN. Mauve-lavender	1.05	.75	.45
BLUE CONQUEROR. Dark red	2.55	1.95	1.65
BUCKEYE BRONZE. Rosy bronze. Ruffled	1.05	.75	.60
BURMA. Old rose. Ruffled	1.05	1.05	.75
BURMA ROSE. Coral rose	1.05	.90	.75
CAMPANILE. Fine new lavender	1.80	1.50	---
CLARENCE D. FORTMAN. Fine blush-pink	1.20	1.05	.75
CHAMOUNY. Rose red with silver edge	---	.90	.75
COL. W. G. ATKINSON. Deep lavender	1.05	.75	.60
DR. ALBERT VERWEY. Rose-pink	1.05	.90	---
ELAN. Peach-buff	1.05	.90	.75
ELIZABETH THE QUEEN. Ruffled lavender	.90	.75	.45
ELMER'S ROSE. Ruffled bright rose	1.05	.90	.60
ETHEL CAVE COLE. Large light pink	1.05	.75	.60
FLORENCE NIGHTINGALE. Tall white	.90	.75	.60
FORSYTHIA. Clear yellow	---	.90	.75
FRIENDSHIP. Soft light pink	.90	.75	.60
FULDA. New yellow. Very fine	2.70	2.40	2.10
GOLD. Rich deep golden yellow	1.05	.75	.60
HAPPY END. Salmon-scarlet, yellow throat	1.05	.90	.75
HARRISBURGER. Brilliant deep red	1.20	1.05	.60
HAWKEYE RED. Bright red	1.05	.75	.60
HOPMAN'S GLORY. Fine sunflower-yellow	1.05	.75	.60
JO WAGENAAR. Deep carmine red	1.05	.75	.60
KING DAVID. Royal purple. Ruffled	1.05	.90	.75
LADY JANE. Glistening cream. Ruffled	.90	.75	.60
LAVENDER LACE. Ruffled lavender	.90	.75	.45
LAVENDER PRINCE. Beautiful deep lavender	.90	.75	.45
LEIF ERICKSON. Tall creamy white	1.05	.75	.60
LORELEI. Tall ivory-cream. EXTRA	1.20	1.05	.75
MAID OF ORLEANS. Fine creamy white	.90	.75	.45
MAGIC BEAUTY. Fine new mauve	1.80	1.50	1.20
MANSOER. Velvety blood red	.90	.75	.45
MARGARET BEATON. White, red blotch	.90	.75	.45
MARGARET FULTON. Clear rich salmon pink	.90	.60	.45
MARSHALL MONTGOMERY. Deep dark red	1.20	1.05	.90
MERRY WIDOW. Lavender, white throat	1.05	.90	.75
MORNING KISS. Fine, tall white	.90	.75	.45
MY DEAR. Fine pink	1.05	.90	.75
NEW YORK. Intense carmine red	.75	.60	.45
ORANGE GOLD. Beautiful large orange	.90	.75	.45
PINK CHIFFON. New light pink. EXTRA	1.20	1.05	---
POLYNESIA. Bright clear salmon	1.05	.90	.75
PAPOEA. Red, striped white. Unusual	1.20	1.05	.90
PROSPECTOR. Fine new yellow	1.20	1.05	.90
PURPLE BURMA. Deep purple. Very fine	1.05	.90	.75
RECOMPENSE. Yellow, red throat	1.05	.90	.75
RED RADIANCE. Brilliant spectrum-red	1.05	.90	.75
ROSITA. Beautiful ruffled rose pink	1.20	1.05	.90
SALMAN'S GLORY. Large, creamy white	.90	.75	.60
SAN SOUCI. Tall rich scarlet red	.90	.75	.60
SCARLET LEADER. Cochineal red. Very fine	1.05	.90	.75
SHEHERAZADE. Pale pink, blood red blotch on creamy yellow ground	1.05	.90	.75
SHERWOOD. Beautiful lavender. EXTRA	.90	.75	.60
SPIC AND SPAN. Tall ruffled deep pink	.90	.75	.60
SNOW PRINCESS. Milky white	.75	.60	.45
THE RAJAH. An outstanding commercial purple. Unexcelled for cutting	1.05	.90	.75
THE ROAN. Red, veined white	1.05	.90	.75
TRAVELER. Very fine new rose pink	1.20	1.05	.90
UHU. Smokey orange-red, striped lilac. One of the best of the "smokies"	1.05	.90	.75
UNITED STATES. Fine purple	1.05	.90	.75
VALERIA. Light red. Fine cut flower	1.05	.75	.60
VENUS. Pale blue. Very outstanding	1.80	1.50	1.20
VINK'S GLORY. Fine deep golden yellow	.75	.60	.45
VIOLET CHARM. Lavender, white throat	1.20	1.05	.90
WHITE GODDESS. Tall creamy white	1.05	.75	.60
WHITE GOLD. Fine white cut flower	.75	.60	.45
YELLOW HERALD. Fine yellow cut flower	.75	.60	.45
RAINBOW MIXTURE. Splendid mixture	.60	.55	.40

JUMBO GLADS. 2 inches and up. Available by color (Red, White, Pink, Lavender, Yellow, or Mixed).

\$1.00 per doz.; \$3.50 per 50; \$6.50 per 100

DAHLIAS

MICHIGAN GROWN

Large-Flowering Decoratives - Formal and Informal
FD — Formal Decorative; ID — Informal Decorative.

	Each	Per 3
ADELAIDE. Lively orange—by far the best in its class. Long stems hold blooms above foliage	\$1.50	\$4.00
ARTHUR GODFREY. (FD). Orient red, buff shading	.75	2.00
AVALON. (FD). Clear yellow. Fine for cutting	.60	1.50
BIG BILL. (ID). Carmine rose with coppery sheen	1.00	2.50
CLASS. (FD). Soft yellow. Very early and dwarf	.75	2.00
CROYDEN SUPREME. (ID). Clear medium yellow	.75	2.00
COMMONDO. (FD). Excellent deep phlox purple	.60	1.50
DADDY KEMP. (ID). Very large dark red	.70	1.75
DEEP VELVET. (FD). Dark velvety carmine red	.75	2.00
EXQUISITE. (FD). Large white. An old standby	.75	2.00
GOLDEN TREASURE. (FD). Pure golden yellow	.75	2.00
H. R. S. (FD). Very fine, and very large yellow	.60	1.50
KEMP'S WHITE WONDER. (ID). A good mid-season white	.75	2.00
KING DAVID. (FD). Rich petunia purple	.75	2.00
KENTUCKY SPORTSMAN. (ID). Golden amber petals with white tips and splashes, and lemon yellow base	.75	2.00
LAURA MORRIS. (FD). Deep yellow, flushed rose	.60	1.50
MAJESTAT. (FD). Golden-salmon-pink giant	.75	2.00
MARSHALL'S PINK. (FD). Intense pink, shaded yellow	.60	1.50
MARY ELIZABETH. (ID). Bright red, slightly suffused yellow on the edges. Vigorous grower	1.50	4.00
MME. CHIANG KAI SHEK. (FD). Rose red and buff	.75	2.00
MRS. THOMAS EDISON. (ID). Striking dark red	.60	1.50
NAGEL'S SUPERB. (FD). Lovely lemon yellow	.60	1.50
NEGUS. (FD). As near black as any dahlia existing	.75	2.00
ORIENTAL GLORY. (FD). Large cadmium orange	.60	1.50
PRINCE OF PERSIA. (FD). One of the best large reds	.60	1.50
PRINCESS LOUISE De SUEDE. (FD). Orange-scarlet, white tipped. Prolific bloomer and good for cut	.75	2.00
POWDER PUFF. (ID). Largest lavender we know	.75	2.00
QUINN'S TIDAL WAVE. (ID). One of the best yellows	1.00	2.50
RED FAVORITE. (ID). Bright red. Good grower	.60	1.50
RUFFLED GIANT. (FD). Huge blooms of flame red	.75	2.00
SHERWOOD PEACH. (ID). Mammoth orange-apricot	.75	2.00
THE COMMODORE. (ID). Largest of all the yellows	.50	1.25
W. H. T. (FD). Smoky old rose of satiny texture	.50	1.25
WM. H. HOGAN. (FD). Dark red, tipped white	.60	1.50

LARGE FLOWERING CACTUS DAHLIAS

C—Cactus; SC—Semi-Cactus; StC—Straight Cactus; InC—Incurved Cactus

	Each	Per 3
BLACK MONARCH. (SC). Dark oxblood blooms	\$1.25	\$3.25
DIA WONG. (SC). Large blooms of clear yellow	.75	2.00
FAITHFUL. (SC). Large pure white	1.00	2.50
HURRAH. Canary yellow of great merit. Fine for cut	1.50	4.00
HYPOTENUSE. (InC). Buff yellow, striped red. EXTRA	1.75	4.50
JOSEPHINE G. (SC). Shell pink and gold	.60	1.50
KORTRIJK'S VENDEL. (SC). Orange red, white tipped	1.00	2.50
NEW LOOK. (SC). Empire yellow. Extremely large	.75	2.00
NICKY K. (SC). Brilliant scarlet. Good cutter	.75	2.00
NORTHERN LITES. (StC). Large white; very shaggy	.75	2.00
OAKLEIGH CHAMPION. (InC). Orange, pink, and yellow	.75	2.00
PRIG. (SC). Vivid scarlet with tiny gold tips. A free-flower of great merit as a cutflower	1.00	2.50
SILVER TIPS. (SC). Silvery chinese red. Early	1.25	3.25
SILVER WEDDING. (InC). White, lightly tipped purple	1.25	3.25
SON OF SATAN. (InC). Intense bright red. Very fine	.75	2.00
STOPLIGHT. (SC). Outstanding carmine red	.75	2.00
THE CARDINAL. (SC). Large cardinal red. Outstanding	1.00	2.50
TORRERO. (InC). Bright red with yellow tips	1.00	2.50

LARGE-FLOWERING DAHLIAS — BY COLOR

Red, Yellow, Lavender, White, Pink, or Mixed.
4 for \$1.00; 12 for \$2.50

MINIATURE and POMPON DAHLIAS — By Color

Red, Yellow, Lavender, White, Pink, or Mixed.
4 for \$1.00; 12 for \$2.50

MINIATURE and POMPON DAHLIAS

P — Pompon - M — Miniature

	Each	Per 3
AMBER QUEEN. (P). Buff, shaded terra-cotta. Fine	.50	1.25
BETTY ANN. (P). Soft pink with a touch of lilac	.50	1.25
CARDINAL. (P). Very showy cardinal red	.50	1.25
CHARLOTTE CALDWELL. (P). Many blooms of russet tan	.50	1.25
GERTRUDE. (P). Brilliant red	.50	1.25
JEAN KERR. (M). White. Fine for cut	.50	1.25
IKE. (M). Ox-blood red. Fine for cutting	.50	1.25
KATHY LYNNE. (M). Red with white tips and splashes	.95	2.50
LITTLE JERRY. (M). Glistening velvety purple	.75	2.00
MORNING MIST. (P). Dainty white, suffused lavender	.50	1.25
SHELLY. (M). Rose and yellow. Almost a Ball. NEW	.95	2.50
SHERRY. (P). Glistening deep purple. One of the best	.50	1.25
SPRINGHILL ROSE. (M). Deep rose pink on long stems	.50	1.25
WHITE FAWN. (M). Prolific white, fine for cutting	.50	1.25
YELLOW KITTEN. (M). Soft yellow faintly tipped yellow	.50	1.25

HOLLAND DAHLIA COLLECTION

Large Flowered Decorative
and Cactus Types



For those unfamiliar with Holland Dahlias, let us say that they are supplied in pot grown clumps, not divisions. Clumps can be planted "as is", or, in many cases, divided before planting.

We have selected 10 outstanding varieties — all good for cutting — and have included dazzling colors, the blooms of which sell readily at 50c per bloom. Collection contains 10 clumps (1 each of 10 varieties). All clumps are waxed to prevent drying out.

PRICE: \$5.00 per collection

HOLLAND POMPON DAHLIA COLLECTION

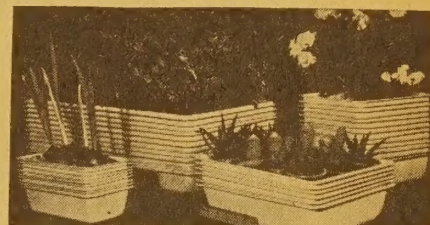
Pert and pretty Pompon Dahlias grow in popularity each year. Fine for cutting, their dazzling display accents any garden setting. Like above, tubers are pot grown, and waxed to prevent drying out.

Collection contains 10 tubers—a fine mixture of many shadings and colorings.

PRICE: \$5.00 per collection

Perma-Nest

TOPS FOR STARTING
SEEDS, SLIPS AND BULBS
PERMANEST PLANT TRAYS



See How They Nest

Don't start your seeds in rusting pans or soggy wood flats. PermaNests never harbour bacteria because they have crystal-hard surfaces and are instantly washable to their original soft lustre. Cost less than wood flats because they last for years. Bonus advantages are—perfect nesting and light weight for multiple carrying and minimum storage space. Tested and purchased by over 100 Gov't. and University Botanists. Over 1/2 million in use.

Four Sizes — Grey or Light Green

22 x 11 x 2 3/4" 8 x 12 x 2 3/4"
2 for \$3.50 • 4 for \$6.95 3 for \$1.75 • 6 for \$2.95
6 for \$8.95 12 for \$5.50
8 x 8 x 2 1/2" 4 x 8 x 2 1/2"
3 for \$1.45 • 6 for \$2.50 6 for \$1.45 • 12 for \$2.50
12 for \$4.50 24 for \$4.75
Combination offer one of each 4 sizes—\$2.95

PERMA-NEST GRACEFUL LONG PLANTER



19" x 6" x 3 1/2"

Red, Grey, Yellow, Light Green

Graceful design and top quality. One quarter the cost of corroding copper or brass planters. 4 color selection. For mantel, window-sill, piano top, table center-piece, office or church. Ideal for rooted planting or holds 5 four inch potted plants with natural root watering. \$1.50 each. 3 for \$4.00

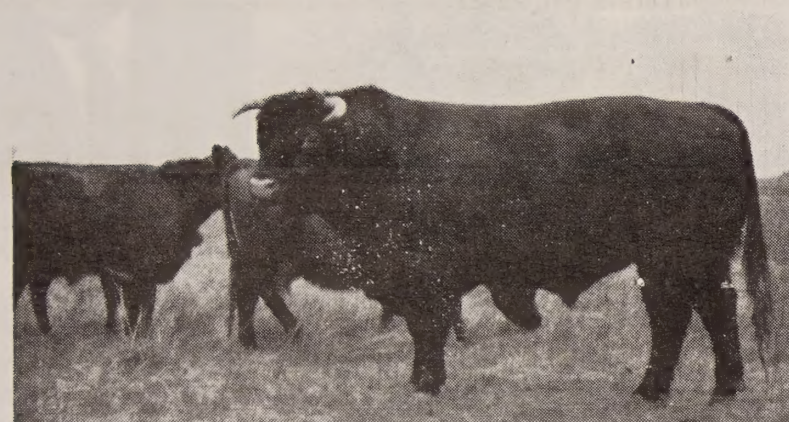
Wide and Deep Pan

Rugged and versatile. For seedlings, bulbs, rooted or potted plants. \$1.95 each. 13"x15"x4" deep, grey or light green. 3 for \$5.75

MONTANA SHORTHORN

ASSOCIATION SALES

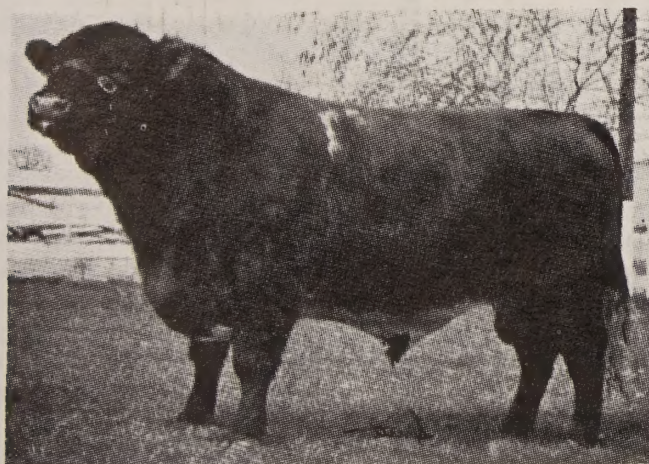
PAST



Purchased 1969 state sale. Most talked about bull in Montana.



Purchased 1970 state sale. Highest selling bull in United States, \$3,025



Purchased 1969 Sweepstakes Sale to head well-known Illinois herd.

PRESENT



HEY JUDE—Montana bred and owned
International Supreme Champion, 1971.

FUTURE

200 Bulls

SWEEPSTAKES SALE

Bozeman, Mont.

FEBRUARY 1

STATE SALE

Billings, Mont.

MARCH 4

THRIFTY SCOTS SALE

Glasgow, Mont.

MARCH 17

BEEF BONUS SALE

Missoula, Mont.

APRIL 1

POLLED and HORNED

IPR—Certified—Herd Bulls—Prospects—Range Bulls

All bulls 14 to 30 months old

Plan now to attend these sales or plan your vacation to see
Montana Shorthorns next summer.

For Information Write —

Montana Shorthorn Association

Box 483

Livingston, Montana 59047

Or call 222-1626—222-0405

For Tom L. Ryles, Secretary and Sale Manager

MINIATURE ROSES



NEW "ORANGE ELF" ABOVE

A Dazzling Orange Miniature Climber.

All plants are from 2 1/4-inch pots. No charge for packing. Shipped from California.

If desired, we can wash the roots free from earth, and ship via air parcel post, or air express. Otherwise, we will ship plants in earth via parcel post or express.

DON'T OVERLOOK MINIATURE ROSES. They are fine for the garden border, and they also make an attractive pot plant.

Because of their increasing popularity, and the heavy demand, orders are filled in rotation, and we ask your patience if a slight delay is necessary in filling your order. Early ordering is recommended to avoid disappointment.

RED MINIATURE ROSES

	Each	Per 3
BOBOLINK. (P.R.R.). Very double rose-red. Taller, faster growing than Dian	\$ 1.25	\$ 3.25
CENTENNIAL MISS. (Pat. 1301). Wine red	1.25	3.25
DIAN. (Pat. 1808). Double pink-red. Fragrant. Very bushy. The perfect florist pot plant	1.50	4.00
JULIETTE. Brilliant crimson. Very large	1.25	3.25
LITTLE BUCKAROO. (Pat. 1726). Bright red	1.50	4.00
LOLLIPOP. (P.R.R.). Brilliant new red. Tops	1.50	4.00
OAKINGTON RUBY. Double red. An old favorite	1.00	2.50
RED IMP. (Pat. 1032). Small double vivid red	1.50	4.00
SPARKIE. (P.R.R.). Bright medium red turning to darker red as it ages. NEW	1.50	4.00
WESTMONT. (P.A.F.). Bright red. Large double flowers. Fine outdoors or in pots	1.50	4.00
THUMBELINA. Bright red. Improved Tom Thumb	1.25	3.25

YELLOW MINIATURE ROSES

BIT O' SUNSHINE. (Pat. 1631). Fine bright buttercup yellow	2.00	5.00
JACKIE. Soft yellow. Fragrant	1.50	4.00
BABY GOLD STAR. (Pat. 407). Golden yellow	1.50	4.00
LITTLE SCOTCH. (P.A.F.). Butterscotch yellow	1.50	4.00

PINK MINIATURE ROSES

MARY HAYWOOD. (Pat. 1766). New double pink	1.50	4.00
MONA RUTH. (P.R.R.). Real rose form. Deep pink. NEW. A true aristocrat	1.50	4.00
PATTY LOU. (Pat. 1335). Very double rose-pink	1.50	4.00
PINK HEATHER. (P.R.R.). Tiny, very double-pink flowers. Good grower. Heavy flowering	1.50	4.00
PINK JOY. (Pat. 1378). Popular fragrant pink	1.25	3.25
ROSA ROULETTI. Double pink. Old favorite	1.00	2.50
PERKY. Glossy foliage. Fragrant double pink	1.50	4.00

WHITE MINIATURE ROSES

CINDERELLA. (Pat. 1051). Double white. A very fine variety for pot plants	1.50	4.00
WHITE FAIRY. Small double white blooms	1.25	3.25
WHITE ASTER. (Pat. 1767). New double white	1.50	4.00

CLIMBING MINIATURE ROSES

CANDY CANE. (P.A.F.). Pink with white stripes	2.00	5.00
PINK CAMEO. (Pat. 1451). Rose pink. Very fine	2.00	5.00
ORANGE ELF. (P.R.R.). Orange buds. NEW	2.00	5.00
MAGIC WAND. New red. Very free-flowering	1.50	4.00
FAIRY PRINCESS. Tiny salmon-orange buds	1.50	4.00

RARE AND UNUSUAL FLOWERING PLANTS

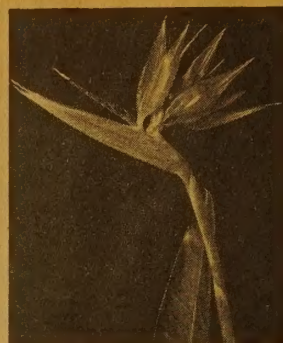
STRELITZIA REGINAE

(Bird-of-Paradise)

AMERICA'S MOST EXOTIC FLOWER

Strelitzia Reginae has long been a stand-by of florists who have utilized the unusual flowers for the creation of strikingly different floral arrangements. More recently it was brought to the attention of gardeners when the City of Los Angeles voted it the city flower. Naturally it thrives outdoors in California and in our more temperate states, but in the northern states it is primarily a pot subject.

The flowers are a gorgeous arrangement of hues of red, yellow, blue and orange, borne on strong stems and extremely long lasting when cut. The plants themselves are extremely attractive, producing leaves of light green texture in the early stages.



SMALL PLANTS	-----	\$1.00 each; 6 for \$5.00
MEDIUM PLANTS	-----	\$2.00 each; 3 for \$5.00
LARGE PLANTS	-----	\$3.50 each; 3 for \$9.00

CLIVIA MINIATA

Clivias make excellent house plants (although we know one producer who grows and sells the cut flowers). They have broad dark green straplike leaves that are evergreen the year round and most attractive. They bloom in the late spring or early summer. Thick flower spikes produce large umbels of orange-red blooms. Clivias are actually members of the Amaryllis tribe, but have the advantage over Amaryllis of being easier to flower and having evergreen foliage.

Large Plants: \$5.00 each; 2 for \$8.50

ANTHURIUM ANDRAEANUM

An unusual plant, producing flowers of great and lasting beauty. Sometimes called Jack-in-the-pulpit, actually the name Anthurium is Greek for "Tail Flower," so-called because of the long spadix which protrudes from the shiny parchment-like flowers, which come in brilliant shades of red and pink. The incredulous amateur, upon seeing the flower, is invariably compelled to touch it to convince himself it is actually a real flower. We ship plants in bud. Pink or red.

\$4.50 each; 2 for \$7.50

SPATHYPHYLLUM ("White Anthurium")

These Aroids are usually but erroneously called "White Anthuriums" because they so closely resemble an Anthurium. They are grown for their attractive flowers, and bright green leaves. Easy to grow, they like a lot of moisture, and will survive with very little light.

SPATHYPHYLLUM CANNAEFOLIUM. Large-growing species, with broad, dark green leaves and fragrant velvety white flowers.

SPATHYPHYLLUM CLEVELANDI. Glossy straplike leaves, white flowers—this species stands dark conditions very well.

ABOVE VARIETIES: \$2.50 each; 2 for \$4.50

RESURRECTION PLANT

The Bird's-nest moss, imported from Mexico. Plant curls up when allowed to dry; when placed in water, the fronds unfurl into a flat or saucer-like position. The process can be repeated indefinitely. An interesting, inexpensive novelty.

39c each; 3 for \$1.00

ORCHID CLEARANCE

Three of our orchid growers have decided to liquidate some of their surplus plants at the same time, so we can repeat our fabulous offer, and this time with an even wider range of varieties.

TYPES AVAILABLE: Cattleyas, Oncidiums, Phalaenopsis, Dendrobiums, Cymbidiums, and Hybrid Strap Leaf Vandas.

At this low price it is "Pot Luck", and we reserve the option of sending varieties of our choice, but the customer may specify the type.

Satisfaction is guaranteed, and we are certain you will be well pleased if you know orchids and their value! At this low price we have shipped out varieties listed by others as high as \$150.00, and varieties listed by others at \$25.00 to \$50.00 are quite common.

Plants may be out of anything from a 3-in. to a 7-in. The smaller plants are over-grown and ready for transplanting into large pots.

\$5.00 ea; 6 PLANTS FOR \$25.00; 15 PLANTS FOR \$55.00

FREE: Dr. Butterfield's excellent booklet on growing orchids will be given gratis with all orders of 6 plants or more.